

Skew Compensation for a Multi-Agent Shared Bus

## ABSTRACT

5           A data processing system includes first, second, and third agents connected to a shared  
bus. The third agent is able to receive information via the shared bus from the first agent or from  
the second agent. The third agent includes a skew compensation circuit to determine signal skew  
in signal received via the shared bus and to compensate for the skew by adding delay into  
selected signals of the bus. The skew compensation circuit determines whether the first agent or  
10   the second agent is the sender of information received by the third agent via the shared bus. The  
skew compensation circuit alters the skew compensation based on the identity of the sender such  
that the delay into the bus signals is specific to the corresponding sender.